

AMENDMENTS TO THE CLAIMS:

1. (Currently Amended) Multi-channel metering apparatus with automatic calibration with several dispensing channels (1) respectively with a nozzle (2) and a micro-valve (4), whereby the a plurality of micro-valves (4) ~~respectively each~~ exhibit a discharge opening (3), which is respectively connected with one of a plurality of ~~the~~ nozzles (2) and at least one supply opening (5 or 6) is respectively present on the micro-valves (4), which are respectively connected with an outlet of a distributor (8, 13 or 15), the inlet of which is indirectly connected via a flow sensor (10) with a vessel (9, 14 or 17) filled with a fluid and ~~the paths between the inlet and the~~ a plurality of outlets of the distributor exhibit the same fluidic resistance as well as a pressure source (19) to ~~produced~~ produce overpressure in the vessel (9, 14 or 17) and a control unit (16) connected with the flow sensor (10) and the micro-valves (4) and generates ~~the~~ individual control signals for the micro-valves (4) from ~~the~~ measured values received from the flow sensor (10).

2. (Currently Amended) Multi-channel metering apparatus in accordance with Claim 1, characterized by, the fact that the supply openings (5 or 6) are first supply openings (5) and second supply openings (6), whereby the first supply openings (5) are respectively connected with an outlet of the distributor (8, 13 or 15), which here is a calibration medium distributor (8) filled with a calibration medium, and the second supply openings (6) which respectively exhibit a connection with a respective dispensing medium vessel (12) such that at the first supply openings (5) the calibration fluid and at the second supply openings (6) the dispensing fluid is available and on admission of the vessel (9, 14 or 17), which here is a calibration fluid is delivered, whereby ~~the~~ dispensing channels are calibrated in relation to each other with the calibration fluid.

3. (Currently Amended) Multi-channel metering apparatus in accordance with Claim 1, characterized by, the fact that the supply openings (5 or 6) are first supply openings (5) and second supply openings (6), whereby the first supply openings (5) are respectively connected with an outlet of the distributor (8, 13 or 15) which here is a calibration medium distributor (8) filled with a calibration medium, and the second supply openings (6) respectively exhibit a connection with a dispensing medium vessel (12) such that at the first supply openings (5) and at the second supply openings (6) the dispensing fluid is available and on admission of the vessel (9, 14 or 17), which here is a calibration medium vessel (9) with pressure via an

opened micro-valve (4) dispensing fluid is delivered, whereby ~~the~~ dispensing channels can be calibrated in relation to each other with different dispensing fluid.

4. (Currently Amended) Multi-channel metering apparatus in accordance with Claim 1, characterized by, the fact that the distributor (8, 13 or 15) is a rinsing agent distributor (13) and the vessel (9, 14 or 17) is a rinsing agent vessel (14) and both are indirectly connected with each other, whereby in parallel to the flow through the flow sensor (10) a bypass (20) is present which allows for a high throughput volume of the purging fluid.